



Form PTO-1449				Attorney Docket No. 791301-1010 Client Ref. No.: 007-04		Serial No. Not Assigned Yet		
INFORMATION DISCLOSURE CITATION				Applicant Dynan et al.				
(Use several sheets if necessary)				Filing Date Herewith		Group N/A		
U.S. PATENT DOCUMENTS								
Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
<i>SA</i>	1	6,207,153	3/27/01	Dan'et al.	424	138.1	5/22/97	
<i>SA</i>	2	6,468,547	10/22/02	Buchsbaum et al.	424	277.1	2/7/00	
	3							
	4							
	5							
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
<i>SA</i>	6	WO 01/75110	10/11/2001	PCT			x.	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)								
<i>SA</i>	A1	Adams, G.P., Brechbiel, M.W., Chappell, L.L. et al. (2000) Radioimmunotherapy of established solid tumor xenografts with alpha and beta emitter-conjugated anti HER2/neu single-chain Fv (scFv) and disbody molecules. Cancer Biotherapy & Radiopharm. 15(4), 402.						
	A2	Bilbao, G., Contreras, J.L., Curiel, D. (2002) Genetically engineered intracellular single-chain antibodies in gene therapy. Mol Biotech., 22(2), 191-210.						
	A3	Cattaneo, A. and Biocca, S. (1999) The selection of intracellular antibodies. TIBTECH.; 17, 115-121						
	A4	Cochet, O., Kenigsberg, M., Delumeau, I. et al. (1998) Intracellular expression and functional properties of an anti-p21-Ras scFv derived from a rat hybridoma containing specific and irrelevant kappa light chains. Mol Immuno. 35(17), 1097-1110.						
	A5	Flynn, A.A., Begent, R.H., Bhatia, J. et al. (2002) Antibody and radionuclide characteristics and the enhancement of the effectiveness of radioimmunotherapy of selective dose delivery to radiosensitive area of tumour. Intl Journal of Rad Bio. 78(5), 407-415.						
	A6	Izzard, R.A., Jackson, S.P., Smith, G. (1999) Competitive and Noncompetitive Inhibition of the DNA-dependent Protein Kinase. Cancer Research. 59, 2581-2586.						
	A7	Jafri, F., Hardin, J.A., Dynan, W.S. (2001) A method to detect particle-specific antibodies against Ku and the DNA-dependent protein kinase catalytic subunit in autoimmune sera. Journal of Immunological Methods. 251, 53-61.						
<i>L</i>	A8	Vaganay-Juéry, S., Muller, C., Marangoni, E. et al. (2000) Decreased DNA-PK activity in human cancer cells exhibiting hypersensitivity to low-dose irradiation. British Journal of Cancer. 83(4), 514-518.						

	A9	Khare, P.D., Liao, S., Hirose, Y. et al. (2002) Tumor growth suppression by a retroviral vector displaying scFv antibody to CEA and carrying the iNOS gene. <i>Anticancer Res.</i> 22, 2443-2446.
	A10	Kurimasa, A., Kumano, S., Boubnov, N. et al. (1999) Requirement for the Kinase Activity of Human DNA-Dependent Protein Kinase Catalytic Subunit in DNA Strand Break Rejoining. <i>Molecular and Cellular Biology.</i> 19(5), 3877-3884.
	A11	Li, S., Takeda, Y., Wragg, S. et al. (2003) Modification of the ionizing radiation response in living cells by an scFv against the DNA-dependent protein kinase. <i>Nucleic Acids Research.</i> 31(20), 5848-5857.
	A12	Peng, Y., Qinming, Z., Hatsumi, N. et al. (2002) Silencing Expression of the Catalytic Subunit of DNA-dependent Protein Kinase by Small Interfering RNA Sensitizes Human Cells for Radiation-induced Chromosome Damage, Cell Killing, and Mutation. <i>Cancer Research.</i> 62, 6400-6404.
	A13	Sak, A., Stuschke, M., Wurm, R., Schroeder, G. et al. (2002) Selective Inactivation of DNA-dependent Protein Kinase with Antisense Oligodeoxynucleotides: Consequences for the Rejoining of Radiation-induced DNA Double-Strand Breaks and Radiosensitivity of Human Cancer Cell Lines. <i>Cancer Research.</i> 62, 6621-6624.
	A14	Wels, W., Moritz, D., Schmidet, M. et al. (1995) Biotechnological and gene therapeutic strategies in cancer treatment. <i>Gene.</i> 159(1), 73-80.
	A15	Takata, M., Sasaki, M.S. et al. (1998) Homologous recombination and non-homologous end-joining pathways of DNA double-strand break repair have overlapping roles in the maintenance of chromosomal integrity in vertebrate cells. <i>The EMBO Journal.</i> 17(18), 5497-5508.
	A16	Yoo, S. and Dynan, W. (1999) Geometry of a complex formed by double strand break repair proteins at a single DNA end: recruitment of DNA-PKcs induces inward translocation of Ku protein. <i>Nucleic Acids Research.</i> 27(24), 4679-4686.
	A17	Koike, M., Awaj, T., et al. (1999) Differential subcellular localization of DNA-dependent protein kinase components Ku and DNA-PKcs during mitosis. <i>Journal of Cell Science.</i> 112, 4031-4039.
	A18	Sonoda, E., Takata, M., et al. (2001) Homologous DNA recombination in vertebrate cells. <i>PNAS.</i> 98(15), 8388-8394.
	A19	Chan, D.W., Ping-Chi Chen, B. et al. (2002) Autophosphorylation of the DNA-dependent protein kinase catalytic subunit is required for rejoining of DNA double-strand breaks. <i>Genes &amp; Development.</i> 16, 2333-2338.
	A20	<a href="http://biomeda.com/site/cat/V10101/specsheet.html">http://biomeda.com/site/cat/V10101/specsheet.html</a> Biomedia – V10101-DNA-Pkcs (Monoclonal Antibodies) 2/17/04
	A21	<a href="http://www.lbl.gov/lifesciences/labs/chen_lab.html">http://www.lbl.gov/lifesciences/labs/chen_lab.html</a> Life Sciences Division – Cell & Molecular Biology – Chen Lab 2/17/04
	A22	Morgan, D.O. and Roth, R.A. (1988) Analysis of intracellular protein function by antibody injection. <i>Immunology Today.</i> 9(3), 84-88.
	A23	Carter, T., Vancurova, I., et al. (1990) A DNA-Activated Protein Kinase from HeLa Cell Nuclei. <i>Molecular and Cellular Biology.</i> 10(12), 6460-6471.
	A24	Gao, Y., Chaudhuri, J., et al. (1998) A Targeted DNA-PKcs-Null Mutation Reveals DNA-PK-Independent Functions for KU in V(D)J Recombination. <i>Immunity.</i> 9, 367-376
	A25	Taccioli, G., Amatiucci, A., et al. (1998) Targeted Disruption of the Catalytic Subunit of the DNA-PK Gene in Mice Confers Severe Combined Immunodeficiency and Radiosensitivity. <i>Immunity.</i> 9, 355-366.
	A26	Gottlieb, T. and Jackson, S.P. (1993) The DNA-dependent protein kinase: requirement for DNA ends and association with KU antigen. <i>Cell.</i> 72, 131-142.
	A27	Pastink, A., Eeken, J., et al. (2001) Genomic integrity and the repair of double-strand DNA breaks. <i>Mutation Research.</i> 37-50.

	A28 Eun Lee, S., Mitchell, R.A., et al. (1997) Evidence for DNA-PK-Dependent and -Independent DNA Double-Strand Break Repair Pathways in Mammalian Cells as a Function of the Cell Cycle. Molecular and Cellular Biology, 17(3), 1425-1433.
* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	
EXAMINER'S SIGNATURE: 	DATE CONSIDERED: 1-23-06
Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE	